

## New Mexico- (Chama)

### FY 2006 Ranking Criteria Worksheet - Irrigated Cropland

Applicant \_\_\_\_\_ Farm No. \_\_\_\_\_ Tract No. \_\_\_\_\_ CMS Field No's. \_\_\_\_\_ Date \_\_\_\_\_

Tribal Land \_\_\_\_\_ Non-Tribal Land \_\_\_\_\_ Preliminary Rating \_\_\_\_\_ Final Rating \_\_\_\_\_

#### 1. Water Quantity - 40 Potential Points (27% of Total)

Irrigation Efficiency - Use FIRS to evaluate. Benchmark & After points equal actual % efficiency time any multiplier. Total equals after minus benchmark pts. Maximum potential points = 40			Potential Points	Benchmark Points	After Points
% Efficiency	% of Area in Contract before Treatment	% of Area in Contract After Treatment			
			40		
<b>1. Water Quantity</b>			<b>Total</b>		

#### 2. Water Quality - 40 Potential Points (27% of Total)

A. Surface Water Pollutants - (20) Points Maximum			
There is a probability that runoff water from irrigated fields contains sediment, salt, pesticides, and/or nutrients (or other associated chemicals). Treatment is needed to prevent these pollutants from entering live waters, or re-entering a shared irrigation system. Points will be awarded based on distance from the end of field to the nearest live waters or re-entry point into a shared irrigation system. If there is no run-off, after points will be 0.			
Distance of Surface Run-Off to Live Water	Points		Points
less than 100 Ft.	20		
101 - 500 Ft.	10		
501 - 1,320 Ft.	5		
1,320 - 2,640 Ft.	2		
Greater than 2,640 Ft.	0		
<b>A. Surface Water</b>	<b>Total</b>		

  

B. Ground Water Pollutants - (20) Points Maximum			
There is a probability that irrigation water containing salt, pesticides, and/or nutrients (or other associated chemicals) is leaching into the ground water. Treatment is needed to prevent these pollutants from contaminating ground water, through leaching and direct return flow into wells. Points to be awarded based on depth to the water table, or			
Depth to Water Table	Points		Points
1 - 10 Ft or elimination of any direct discharge into ground water.	20		
10 - 50 Ft.	10		
50 -100 Ft.	5		
Greater than 100 Ft.	2		
<b>B. Ground Water</b>	<b>Total</b>		

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**3. Selected Conservation Practice's - 42 Potential Points (29% of Total)**

Any practice used in the ranking criteria and intended to be included in the conservation plan of operations must be cost-shared or have an incentive payment. Higher priority (value) should be given to those practices which address multiple resource concerns, are cost effective, and have longer life spans. Use the Quality Criteria in the FOTG to establish the practices that have an impact on the identified resource concern. Practice points will vary based on Resource Concern Priority.

	Potential Points		Total Points
<b>Soil Erosion ( Irrigation Induced )</b>	<b>9</b>		
POND (378)	1		
GRADE STABILIZATION STRUCTURE (410)	1		
IRRIGATION WATER CONVEYANCE PIPELINE (430)	1		
LAND SMOOTHING (466)	1		
PASTURE & HAYLAND PLANTING (512)	1		
POND SEALING (521)	1		
PEST MANAGEMENT (595)	3		
<b>Water Quality ( Surface water contaminants )</b>	<b>6</b>		
GRADE STABILIZATION STRUCTURE (410)	3		
IRRIGATION WATER CONVEYANCE PIPELINE (430)	3		
<b>Water Quantity ( Water Management )</b>	<b>13</b>		
IRRIGATION FIELD DITCH (388)	3		
IRRIGATION WATER CONVEYANCE PIPELINE (430)	3		
POND SEALING (521)	1		
STRUCTURE FOR WATER CONTROL (587)	5		
WATERING FACILITY (614)	1		
<b>Air ( Air Born dust &amp; Chemical drift )</b>	<b>1</b>		
LAND SMOOTHING (466)	1		

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Applicant _____ Farm No. _____ Tract No. _____ CMS Field No's. _____ Date _____			
Tribal Land _____ Non-Tribal Land _____		Preliminary Rating _____ Final Rating _____	
<b>Plants ( Condition )</b>		<b>7</b>	
PASTURE & HAYLAND PLANTING (512)		7	
<b>Animals ( Habitat )</b>		<b>6</b>	
FENCE (382)		2	
PASTURE & HAYLAND PLANTING (512)		2	
POND SEALING (521)		2	
<b>3. Selected Conservation Practices</b>		<b>Total</b>	
<b>4. Other Considerations - 25 Potential Points (17% of Total)</b>			
Below are some suggested, not required, criteria. If there are other criteria the D.C. wants to recommend based on LWG advice, please include them here.		Potential Points	After Points
A. Habitat Improvement specifically for Wildlife.		3	
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.		3	
C. Treatment of this land could enhance the benefits of an active sec. 319 project.		4	
D. Proposed contracted area will be treated to eradicate and or prevent infestation of class A and or Class B noxious weeds, as designated by NMDA		13	
E. This land is within a NMED designated Category I Watershed.		2	
<b>4. Other Considerations</b>		<b>Total</b>	
Designated Conservationist _____		Date _____	